

GB Shot Mate User Guide

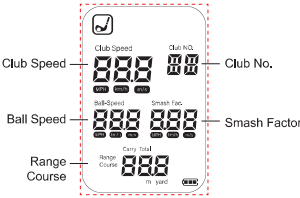


Golf Launch Monitor

Warning

- Avoid using the device in humid environments (e.g., rainy days). The device is not waterproof. Liquid ingress may cause malfunction, and such damage is not covered by the warranty.
- As this device is a precision instrument, avoid storing it in locations that may cause discoloration, deformation, or malfunction, such as:
 - High-temperature areas, e.g., exposure to direct sunlight or near heat sources
 - On a car dashboard with windows closed on hot days
 - Humid or dusty areas
- Avoid dropping the device or subjecting it to strong impact, which may cause damage or functional failure.
- Take extra care to protect the LCD screen, as it may be damaged by any impact.
- Do not place heavy objects on the device, nor sit or stand on it. Such actions may cause personal injury, device damage, or operational failure.
- When placing the device into a carrying case, avoid applying external pressure to prevent damage to the housing or LCD screen.
- Do not use hard objects such as a golf club to operate the buttons, as this may damage the device.
- Keep the device away from radio equipment, televisions, radios, or computers to avoid signal interference. Meantime, avoid using the device near equipment with motors (e.g., automatic doors, ball dispensers, air conditioners, or circulation fans) to prevent abnormal operation.
- Do not touch the sensor area with your hands, nor bring reflective objects such as metal close to the sensor, as this may cause sensor failure.

Main Functions



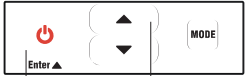
Golf Mode

- Club Speed & Ball Speed can be measured simultaneously upon impact.
- Smash Factor and Distance are also displayed. Distance can be shown as "Carry" or "Total".
- Measurement units can be switched between Imperial ("MPH" and "yard") and Metric ("km/h" and "m").
- Club Number can be selected. Includes a Practice Swing Mode.
- History Record Stores up to 500 measurement entries (across all modes).

Names and Functions of Parts



Button Operation Instructions



Press and hold: Power on/off.

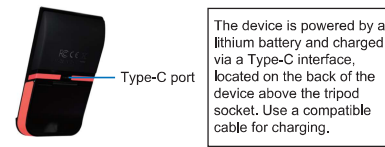
Press briefly: The " " will start flashing. Use the "▲" and "▼" buttons to select the desired club number, then press the button briefly again to confirm.

Press briefly: Press "▲" or "▼" to view the history records.

Press and hold: Press "⏻" + "▲" to turn the screen backlight ON/OFF.

Press and hold: Press "⏻" + "▼" to switch the unit between MPH and km/h.

Charging Method



A full charge provides 2.5 to 3 hours of continuous use. Battery life depends on usage conditions and environment.

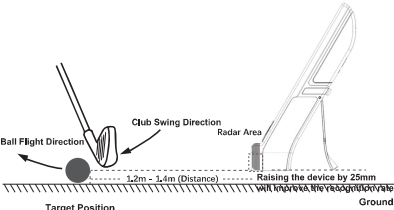
Power On/Off

- Power On: Press and hold the power button for approx. 2 seconds → The device will beep to indicate it is powered on.
- Auto Power Off: The device will automatically power off if no operation is performed for 10 minutes.
- Power Off: Press and hold the power button for approx. 2 seconds while the device is on → The device will beep to indicate it is powered off.

Speed measurement placement instructions

Open the support stand on the back of the device. Ensure the radar area at the bottom is facing the object being measured, positioned higher than the ball; **align the bottom edge of the radar area with the ball.**

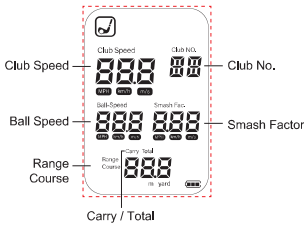
Maintain a distance of 1.2 to 1.4 meters between the device and the object. Ensure there are no obstructions between them.



After the ball is hit, the device will display a reading; During the display period, the screen will flash as a whole until it stops flashing and the next measurement begins.



Display Instructions – Golf Mode

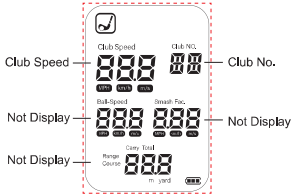


- 1.The estimated flight distance is calculated based on measured ball speed, combined with average launch angle and spin rate for each club number, using data accumulated by the company from extensive practice swing data.
- 2.Actual flight distance may vary depending on the club used.
- 3.The direction of the shot is not taken into account.

- Switching Distance Display: quickly press the "Mode button" to toggle between "Carry" and "Total" distance. The selected mode is indicated by the icon next to the distance value.

- Practice Swings: club speed can also be measured during practice swings. However, ball speed, smash factor, and estimated distance will not be displayed unless a ball is actually struck. If ball speed or other values are displayed during a practice swing, this is a characteristic of the device and does not indicate a malfunction. To avoid this, use "Practice Swing Mode" .

Display Instructions – Practice Swing Mode



- Only "Club Speed" and "Club Number" are displayed.
- This mode can be selected via the club number selection interface.

Technical Specifications

External Dimensions	75 mm × 150 mm × 23 mm
Weight	190g
Club Speed / Ball Speed	25 mph – 200 mph
Power Supply	3.7 V (lithium battery)
Operating Temperature Range	0°C – 40°C / 32°F – 100°F (non-condensing)
Microwave Sensor Oscillation Frequency	24GHz (K-band)
Transmission Output	≤30mW
LCD Display	Transmission LCD Display

FCC Warning:
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

Warranty Card

Model Name	
Invoice Number	
User Information	User Name: Address & Tel.
Date of Purchase	
Dealer Information	

This product has one year warranty of defects in materials and defective workmanship from the date of purchase. During the warranty period, there is any defect, we will repair or replace the product according to status of each case when we receive the return product.

- Non-warranty situation:
- Wrong operation or man-made damage.
 - Maintenance provided by unauthorized person or unit.
 - Product Serial Number has been obliterated.

Just send back the equipment, no accessories (case, strap, batteries, etc.) required.

If repairs are required, please send the device to your local dealer along with the warranty card & purchase invoice.

ISED Statement

English: This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:
(1) This device may not cause interference.
(2) This device must accept any interference, including interference that may cause undesired operation of the device.

French: Cet appareil contient des émetteurs/récepteurs exempts de licence qui sont conformes aux CNR exempts de licence d'Innovation, Sciences et Développement économique Canada. Le fonctionnement est soumis aux deux conditions suivantes :
(1) Cet appareil ne doit pas causer d'interférences.
(2) Cet appareil doit accepter toute interférence, y compris les interférences susceptibles de provoquer un fonctionnement indésirable de l'appareil.

This equipment complies with Canada radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.
Cet équipement est conforme Canada limites d'exposition aux radiations dans un environnement non contrôlé.
Cet équipement doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et votre corps.